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CLASSIFICATION

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CENTRAL INTELLIGENCE AGENCY

INFORMATION FROM FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT CD NO.

50X1-HUM

COUNTRY

USSR

DATE OF

INFORMATION 1949-50

**SUBJECT** 

Promomic - True and steel

DATE DIST. 2

Aug 1950

HOW

Daily and semiwerkly newspapers **PUBLISHED** 

WHERE **PUBLISHED** 

755R

NO. OF PAGES

DATE

**PUBLISHED** 

19 May - 5 Jun 1950

SUPPLEMENT TO

LANGUAGE

B 153155

REPORT NO.

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## SOUTHERN STEELWORKERS FLEDGE INCREASE; PLANT IMENI FETROVSKIY CRITICIZED

insubers in parentheses refer to appended list of sources.

In late May and early June, southern metallurgical plants continued to be criticized for their poor performance records. Meanwhile, workers at some southern exterprises continued to set new records in production and savings of fuel and taw materials.

In 1949, the utilization of blast furnate capacity in Soviet metallurgical plants exceeded the prewar level by 18 percent and the recovery of steel per product except of open-hearth furnace hearth increased 24 percent. Nevertheless, square meter of open-hearth furnace hearth increased 24 percent. Nevertheless, again meter of open-hearth furnace hearth increased 24 percent. Nevertheless, square meter of open-hearth furnace hearth increased 24 percent. Nevertheless, square meter of open-hearth furnace hearth increased 24 percent. Nevertheless, square meter of open-hearth furnace hearth increased 24 percent. Nevertheless, square meter of open-hearth furnace hearth increased 24 percent. Nevertheless, square meter of open-hearth furnace hearth increased 24 percent. blast furnaces and other equipment are not being used satisfactorily. At their recent tooference, metallurgists of the Sputh and Center adopted new technical and economic norms which will help to effect a better utilization of the basic reserves of metallurgical enterprises.(1) Blast-furnace workers pledged to improve the coefficient for capacity blast-furnace utilization by 5 percent over the planned norm, and steelworkers pledged to increase by 2 percent above plan the production of steal per aguare meter of hearth.(2)

In Dnapropetrovsk Oblast, the proc work of the Plant imeni Petrovskiy is evidenced by the fact that the Nikopol' Southern Pipe Plant has been operating inefficiently ever since it began to obtain stock from the Plant imeni Petrovskiy. In April, for example, the Nikopol plant obtained little more than 5 percent of its orders, and the supply situation did not improve in the first half of May, although Korobov, director of the Plant imeni Petrovskiy, and Trubchenko, chief engineer, promised many times to take action to meet the orders.

The Flant, imeni Petrovskiy bagen to lag behind as early as 1949. The plant administration and shop machinery became disrupted. Personnel in the main bookkeeping office and in the efficiency bureau began to use the lack

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of control to misappipriate windred, of thousands of rubles. Duepropetrovsk organizations took to action to stop the mischief, and the Ministry of the Menallorgical Industry had to knowledge of it. Korobov, at a plenum of the Duepropetrovsk City Party Countries, promised to stadicate the deficiencies. But the plant Pailed to improve, are by the end of 1949, had failed to promite the description of the plant functions of metal. At a Party conference in Leningkiy Rayon, Diepropetrovsk City, the difference more promised that in 1950 the plant would meet its plant and at observation party conferences in the city and oblast these primises were repeated, for never followed up by actions

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Ker min. Minister of the Metallunginal Industry USSR, with a large group of minister and main administration workers, visited the plant in april 1950. By that time, the lag at the plant bad greatly increased. Korebov once more pledged that the situation would be corrected. In the few days following the minister's misit, secretal and improved somewhat, but after following the minister's misit, secretal and improved somewhat, but after that, fell behind end relevel their pair. The only exception is open hearth shop No.3, directed by Sociat, which is taking steps to produce 4,000 tons for sacred above plan for 1950, including 1,000 tons from saved fuel, rew masterials, etc. The situation is quite different to open-hearth shop No.1, under different to open-hearth shop No.1, under different to in open-hearth shop No.1, under different to plant the plant which whose director Nowikov, has been making statements against the plant which he calls unroadiation. This shop is legging because of the tremendous losses from worker parallessoess. The shop's workers seem to have become accustomed to administrative pecalities and no longer may any attention to them.

The plant's administration has taken so action on Stakhanovita workers' proposals for improvement. There have been proposals from workers in the third open-hearth stop to convert to the use of a mobile casting pig for teeming steel, to install an additional compressor in the shop, and to tap the pig from the tiest furnace for the open-hearth furnaces three times per shift install of twice. Despite the asse with which such improvements could be adopted. Stakhanovito advice has not been taken.

The is k of molten rig irin often delays the completion of the steel melts, so that the high speed vockers in shop No 3 on certain days do not obtain even opening of the required right, delaying melts as much as 2 hours. The shift to tapping the pig from tures times per shift would solve the problem, but the directors will not take this step.

Collective agreements for sociality competitions are concluded only once in an entire quarter that that of every few weeks or every month. In the blast-formate shop, the colume of pig from produced in the three shifts is divided into three equal party, so that the indexes for the three brigades are always the same and the competitive feeling is lost.

Inspection tours have been made by leading figures in the metallurgical industry, including Bychkov, thief of the Main Administration of Metallurgical Industry of the South and Center, Yefsnov, chairman of the Central Committee of the Trade Union of Metallingical Industry Workers, and other responsible personnel of the central committee of the trade union, the main administration, and the ministry. Kur'min has made two visits with nearly 40 workers who studied the cause for the plan's lag for several days. But these inspections conterned only the work of the Bessemer and rail shops. The rail shop's work is still extremely poor, despite the fact that a brigade from the ministry has been studying its operations for a long time. Plant administrative personnel seem to expect the ministry to solve problems already solved by Stakhanovite workers. The steelworkers in open-hearth shop No 3 have been brying for 2 years without success to get a 175-ton crane, making it possible for them to use larger capacity ladles. The Diepropetrovsk Office of "Glavytormet" delivers ungraded and unsorted scrap to the plant. The main administration is planning to introduce production of many new profiles in the rolling shops. None of those problems has as yet been worked out.(3)

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The plant's open-hearth shop No 3 has taken the lead in increasing production above plan. A leading brigade had pleaged in 1950 to obtain an average of 6.5 tons of steel per square meter of hearth as compared with the norm of 5.6 tons. Since making the pleage, the brigade has been producing 7.5 tons on the average, so the pleage has been revised upward to 8 tons per square meter as the year's average.(4)

A leading steelworker at open-hearth shop No 1, Deeprodzerzhinsk Plant imedt Drerzhinskiy, recently completed a wellt in 4 hours 35 minutes, beating the schedule by better than 2 hours. In the next shift, his coworker completed a melt in 4 hours 30 minutes and produced 8.51 tons of steel per square meter of hearth, almost double the progressive norm, and saved 8 tons of magnetic 15. Another leading steelworker, is competition with the high-speed steel smelters at the Moscow "Serp & molot" Platt, has pledged by the end of the year to save 350 tons of maint and 9 tons of ferroalloys, to produce one additional trainical of metal above plan & in all, two trainicals above plan & and to intrease the furnate run between repairs to 500 melts as the year average. By the end of the year, workers at this one furnace hope to save sufficient mature for 11 additional melts and sufficient ferromanganese and ferrosilicon for 60 additional melts. (6)

The use of chromomagnesite brick for open-hearth furnace roofs has had constanding results at the Plant iment Drenzhinskiy. One furnace, converted from a Disas brick roof. Was operated for \$37 melts between repairs and fuel savings amounted to 12 percent, while the time spent in each melt sharply decreased. The plant's management has continued to convert other furnaces to the new type of roof. One of the best steelworkers recently has been pro-

Certain difficulties in supply, however, have been hampering the plant's operations. Erick is produced directly at the plant, but the chromomagnesite division of the refractories shop is not adequately equipped with heavy-duty presses. The raw material rotained from the Sarany deposit in the Urals has a high percent of calacties and a low chrome content. There is entirely too much limestone to the magnetite powder, also imported from the Grals. All these factors have hindered the production of high-quality chromomagnesite thrick. The raw material supply enterprises must improve the quality of their brick. The Leningrad Institute of Refractories was scheduled to develope a plan for reconstruction of the refractories income and the chromomagnesite division, but after 6 months, no plan is yet in evidence. The Ministry of the Metallurgical Industry should give active aid to plants in furthering the use of the chromomagnesite roof (7)

The plant's blast furnaces No 7 and 8 are being operated at high temperatures with excellent results. Every sixth ton of pig iron produced is above plan. For the first time, a coefficient of 0.76 for the entire shop has been achieved as compared with the progressive norm of 0.83.(8) A brigade at furnace No 1 achieved a coefficient of 0.45 as compared with the progressive norm of 0.61 (9)

The Metallurgical Plant imeni Lenin, Dnepropetrovsk Oblast, is saving metal by rolling pipe according to the so-called "minus allowances," that is, the pipe will be rolled in strict accordance with each order. Previously, the walls of the pipe produced by the shop exceeded orders by  $1\frac{1}{2}$  to 2 millimeters in thickness. In one month under the new system, the shop has produced nearly 3 additional kilometers of pipe from saved metal. At the same time, idleness of equipment was reduced  $1\frac{1}{2}$  percent more than planned, output of high-grade pipe increased one percent, and production costs decreased almost 9 percent. (10)

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A rolling-mill worker at the pipe shop of the Dnepropetrovsk Plant imeni K. Libknekht has improved the pipe-rolling process. Usually, the process of changing the mandrel, placing the tube in the mill, and removing the pipe takes 2 minutes 12 seconds. The worker and his brigade decreased the time to takes 2 minutes, fulfilling the norm 15% percent. The usual width of the pipe light minutes, fulfilling the norm 15% percent. The usual width of the pipe will is 8 millimeters, but specifications permit deviations up to one millimeter. Since the thinner walled pipe takes less metal, the brigade has pledged to roll pipe without the allowed deviations. Since the beginning of the month, the brigade has saved 25 tons of metal by closely observing the relationship between the heating of the metal and the speed of movement of the rollers.(11)

The Bessemer shop of the Yenakiyevo Metallurgical Plant in Stalino Oblast has for a long time been using the new technology for smelting steel. In 15 days of May, it produced above plan thousands of tons of high-grade steel for rails. The shop also saved 330,000 rubles above plan in April. The plant's rail-rolling shop is also going full speed. (12)

At the same time, however, the plant has had complaints of defective production. The L'vov subsection of the Moscow Kiev Railroad System reteried rails from the plant. A batch of these rails, classed as No I rails at the the plant by the inspector of the Ministry of Transportation and the head of the plant's department of technical control, was laid on new ballast on new ties. Five of the rails quickly broke in the middle of the rail sections, and later, two more broke. A commission sent to investigate the case stated that the rails had been rolled from brittle metal. However, the chief engineer at the Yenskiyevo Plant refused to admit any claim against the plant, and the claim of 3,852 rubles for faulty rails was not paid. (12)

Steelworkers at the large tilting open-hearth furnace No 4 of the "Azovstali" Plant recently completed a heavyweight melt in 3 hours ahead of schedule and obtained 12 tons of steel per square meter of hearth as compared with the progressive norm of 8.33 tons.(13).

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